


## PERSONAL INFORMATION



## YANN COLLINS FOSSO NGANGUE

 yannfosso@yahoo.fr

Gender Male | Date of birth Oct 31 1992 | Nationality Cameroon

## WORK EXPERIENCE

Oct 2022 - Apr 2023

**Biologist Specialist**

Performing Tests in hematology, microbiology, coagulation, Seroimmunology, clinical chemistry, hormonal assays, and forensic toxicology fields. Interpretation, Validation, and Reporting of laboratory test results.

## Clinical Microbiology:

Analysis and processing of body fluids, such as blood, urine, stool, and tissue samples.

- Bacterial identification using Vitek® 2 Compact (BioMérieux),
- Antibiograms using Vitek® 2 Compact (BioMérieux),
- Diagnosis of yeasts and dermatophytes,
- Diagnosis of Oxyuris (*Enterobius vermicularis*) by scotch test,
- Urinalysis.

## Clinical Chemistry, Immunometry and Hormonal assays:

- Performing analysis using automated Enzyme Immunoassay Analyzer AIA-900.
- BA200 BioSystems.
- VIDAS (BioMérieux).

## Hematology, and Coagulation:

- Performing blood counts with the Sysmex xt 2000i.
  - Evaluation of ESR (Erythrocyte sedimentation rate) using the CUBE 300 TOUCH instrument.
  - Performing coagulometry analyzes (PT, APTT and FIBRINOGEN with Sysmex CS-2000i System.
- Artemisia Lab Ostia , Via Capo Soprano 5 - ROMA (RM) Italy

*Business or sector* biomedical

Feb 2022 - Jul 2022

**Biologist Specialist**

Analysis and processing of body fluids, such as blood, urine, saliva, and tissue samples.

- Data analysis and entering the results in the patient's medical record.
- Calibrating, setting up, and maintaining laboratory instruments
- Handling, storing and keeping inventory of biological samples and chemicals
- Documenting procedures, maintaining cleanliness in the lab, ordering and preparing lab supplies/reagents, writing and modifying standard operating procedures.
- Training new users on instrument operation, giving lab orientations.

LIFEBRAIN , Viale Roma 190 - ROMA (RM) Italy

*Business or sector* healthcare

Jun 2021 - Feb 2022

**Laboratory Technician**

Labeling of samples, Laboratory analysis (stool, urine, blood, and Covid-19 molecular swab samples).

## Clinical Microbiology:

- Cell cultures and cell treatments.
- Microscopy
- Bacterial cultures
- performing antibiogram via BD Phoenix
- Management of blood culture bottles in dedicated automatons and management of alarms

## Molecular Biology:

- Manual and automated extraction of DNA and RNA from cells.
- Real-time PCR for diagnostic and research use.
- RNA - cDNA reverse transcription.
- Running 96 well plates experiments ( ELISA, Luminex, and cell proliferation assay).

Lifebrain , Viale Roma 190 - GUIDONIA MONTECELIO (RM) Italy

*Business or sector* biomedical

Nov 2019 - Oct 2020

#### Research Assistant Trainee

Experimental thesis at the Department of Translational and Precision Medicine, Immunology Unit,

Thesis supervisor: Dr. Marcella Visentini

Research area:

Thesis: CD21low B cells expansion in systemic sclerosis

I participated in a research project on systemic sclerosis patients, and prepared my dissertation entitled: "Expansion of CD21low B cells in systemic sclerosis", obtaining the degree in Biotechnology. During this experience, I was involved in laboratory activities acquiring experience in the field of Flow Cytometer. I developed considerable skills in the management of human blood samples, isolation of peripheral blood mononuclear cell, lymphocyte subpopulations separation procedures, and functional assays for B cell functional analyses (apoptosis and proliferation). As well as the statistical analysis of the results obtained from our lab experiments using software such as Flowjo or cell quest.

La sapienza University , Regina margherita - ROMA (RM) Italy

*Business or sector* healthcare

Apr 2017 - Oct 2017

#### Undergraduate Internship

Research area: Microbial Biotechnologies

Thesis Project: Studies of antimicrobial properties of graphene nanoplatelets.

Internship experience lasting 6 months at the Microbiology Laboratory directed by Prof. Daniela Uccelletti, at the La Sapienza University of Rome. This internship was also mandatory as required by the academic plan. During this period I learned microbiological techniques, preparation of samples for Scanning Electron Microscope analysis and data analysis.

Università La Sapienza, Roma , regina margherita - ROMA (RM) Italy

*Business or sector* healthcare

## EDUCATION AND TRAINING

2017 - 2020

### MEDICAL BIOTECHNOLOGY

EQF level 7

Sapienza Università di Roma - Faculty of Pharmacy and Medicine

2nd cycle degree/Master of Science (2 years)

*Principal subjects/occupational skills covered:*

advanced knowledge of morpho-functional sciences and techniques; virology and molecular parasitology; biochemistry and structural biology, bioinformatics and protein engineering; immunology and immunopathology; molecular and cellular pathology, genetic pathology, biotechnologies of human reproduction; molecular medicine and animal models of disease; regenerative medicine; pharmacology; molecular diagnostics and imaging. Health care quality, Job security, and bioethics, by economic aspects.

2013 - 2017

### BIOTECHNOLOGY

EQF level 6

Sapienza Università di Roma - Faculty of Pharmacy and Medicine

1st cycle degree/Bachelor (3 years)

*Principal subjects/occupational skills covered:*

Activities based on the basic study of mathematics, physics, analytical, pharmaceutical, inorganic, organic chemistry, biology, biochemistry, microbiology, bioinformatics, pharmacology, diagnostics, genetics, and pathology; the scientific-technical preparation is integrated by legal aspects of regulation, responsibility, and bioethics, by economic aspects, business management, and communication.

#### Postgraduate studies

##### TRAINING COURSE

2021

Laboratory health and safety training course

Lifebrain

#### Pre-university studies

School-leaving examination taken in (year): 2010  
Secondary school diploma taken abroad

## PERSONAL SKILLS

**Mother tongue(s)** English French

**Foreign language(s)**

	UNDERSTANDING				SPEAKING				WRITING	
	Listening		Reading		Spoken interaction		Spoken production			
German	A2	Basic	A2	Basic	A2	Basic	A2	Basic	A2	Basic
Italian	C2	Proficient	C2	Proficient	C2	Proficient	C2	Proficient	C2	Proficient
Spanish	B1	Independent	B1	Independent	B1	Independent	B1	Independent	B1	Independent

**Italian:** CILS C1 - CLIRAP DOUALA, 10 10 2013 - European level: C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user  
Common European Framework of Reference for Languages

## Communication skills

- Team spirit;
- Good ability to adapt to multicultural environments, achieved thanks to the experience acquired as a youtuber and founder of the Biotech\_In\_Africa channel;
- Good communication skills, obtained thanks to my experience as an educator on my youtube channel.

## Organisational / managerial skills

- Leadership (Founder of the Biotech\_In\_Africa platform made up of a set of students and graduates in different fields of biotechnology);
- Sense of organization (experience in the field of logistics);
- Good experience in managing projects or groups.

## Digital competences

SELF-ASSESSMENT				
INFORMATION PROCESSING	COMMUNICATION	CONTENT CREATION	SAFETY	PROBLEM SOLVING
-	Independent user	-	-	-

Digital competences - Self-assessment grid

### Basic digital competence:

#### OFFICE AUTOMATION

**Office Suite:** (Highly Specialised) | **Spreadsheets:** (Highly Specialised) | **Web Browser:** (Highly Specialised) | **Word Processors:** (Highly Specialised)

#### COMPUTER PROGRAMMING

**Programming languages:** (Foundation) | **Web Programming:** (Foundation)

#### SYSTEMS AND NETWORKS MANAGEMENT

**Network architecture:** (Foundation) | **Operating systems:** (Advanced)

#### DATA MANAGEMENT

**DBMS:** (Foundation)

#### GRAPHICS AND MULTIMEDIA

(Advanced) | **Web graphics:** Graphpad Prism (Intermediate)

## Other skills

Interest: Travel, music, cars, technology, sports (especially team)

## Driving licence

B

Dichiaro di essere informato, ai sensi e per gli effetti di qui al GDPR 679/2016 che i dati personali raccolti saranno trattati anche con strumenti informatici, esclusivamente nell'ambito del procedimento per il quale la presente dichiarazione viene resa.  
Dichiaro altresì, di essere informato, ai fini della pubblicazione in ottemperanza all'Art. 15 del D.Lgs. 33/2013.